

ABSTRACT OF THE DISCLOSURE

In an optical fiber observing image processing apparatus, at least two different capturing modes is provided in an image capturing means for capturing image data from two or more television cameras, so that, by automatically switching capturing modes in synchronous with or independently from progress of the image processing, high speed processing can be achieved regardless of limitation of a data capturing speed. A scanning converting means is provided in a rear stage of the image capturing means, and a plurality of different transfer modes for transferring data between the scanning converting means and the image capturing means are prepared. Further, a delay means may be provided in a front stage of the scanning converting means.